



**U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration**

Kenneth Finkelstein
NOAA Coastal Resource
Coordinator (HSS-7)
U.S. EPA Waste Management Div.
J.F. Kennedy Federal Building
Boston, MA 02203
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Ms Meghan Cruise
U.S. EPA Waste Management Division
J.F. Kennedy Federal Office Building
Boston, MA 02203

Dear Meghan:

Thank you for the Round 4 sampling plan for the Brunswick Naval Air Station Superfund site. The additional surface water and sediment sampling locations at Sites 1, 2, and 3 is generally quite adequate. This data should provide information necessary to determine the migration of contaminants along Mere Brook. However, I suggest that several of the new surface water/sediment sample locations be adjusted. As discussed at the March 1989 TRC meeting and in previous correspondence, NOAA would like sediment and surface water samples taken adjacent or nearby Leachate Sample locations 201, 302, 304, and 305, all of which previously showed considerable inorganic contamination. SW-121 may be close enough to LT-305. Unfortunately, SW-121 is upstream of LT-201, SW-319 is upstream of LT-302, and SW-120 is upstream of LT-304. Although I am not certain I mentioned this earlier, because contaminants will preferentially sorb on to fine grained material, all sediment samples should undergo grain size analysis.

In regard to site 8, NOAA is still concerned about the very high cyanide level found in Round 2 and moderate zinc level found during Round 3 at SW-817. This location should again be sampled as it is the furthest offsite. The sampling at this locale was agreed upon at the March TRC meeting. In fact samples should be taken downstream of SW-817 to potentially locate the extent of the zinc/cyanide(?) contamination. As noted in the 28 July letter, zinc is pervasive in surface water samples; all locations sampled previously should again be included. This includes SD 802 where 440 ppb of PCBs was found during Round 2.

Let me know if you, EC Jordan, or the Navy have any questions.

Sincerely,

Kenneth Finkelstein

